

CTP is now part of
the PROSOCO family



PROSOCO

Mechanical Anchors
for Re-Connecting
Exterior Veneers

CTP FACADE-TIE BRACKET

Concealed connections for your façade from your building's structural frame.

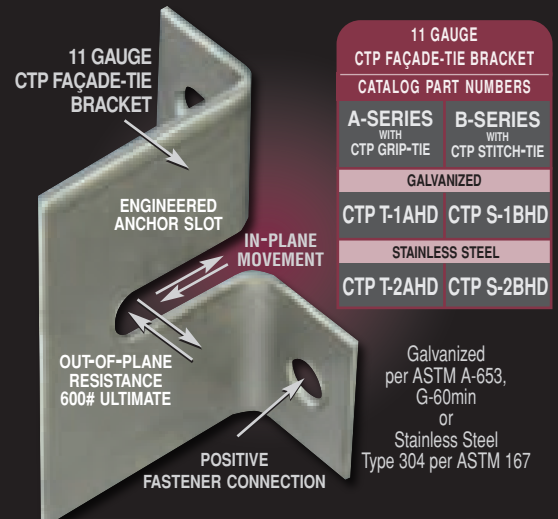
Use where there is a need to re-connect or add ties to an existing façade from an interior wood or steel stud. Regardless of parent structure material and size, the **CTP Façade-Tie Bracket** easily adapts by connecting it to either the **CTP Grip-Tie** or **CTP Stitch-Tie**® veneer anchoring systems. **The CTP Façade-Tie Bracket system is installed from the interior of the structure.** It is an alternative to existing veneer re-anchoring methods which involve exterior hole drilling, mortar patch matching, and costly scaffolding expense. **The CTP Façade-Tie Bracket** is ideally suited for reconnecting the exterior masonry skin from the interior structure during remodeling, build-outs, or basic building renovation.

The **CTP Façade-Tie Bracket** is a façade re-anchoring system and economical solution to fortify and stiffen existing veneers from the parent structure. It is easy to install and operates via mechanical connections. The **CTP Façade-Tie Bracket** is manufactured of corrosion resistant materials for long term durability. As an example, Type 304 stainless steel is an excellent selection for timber connections; whereas the galvanized bracket is suitable for galvanized steel studs. It can be attached to the interior structure via dual screw fasteners manufactured of compatible materials that transfer veneer live loading to the building via shear. This reliable load transfer is as a result of the brackets split plate interface connection.

- Concealed connections
- Easy to install
- Corrosive resistant
- Re-connects existing façade from interior wood or steel studs
- Resists veneer out-of-plane forces
- Provides veneer in-plane movement
- No exterior holes to patch
- No exterior scaffolding required
- No brick removal
- No weather delays

Façades built of brick, stone, block, precast, etc. can be re-attached from the interior of the structure affordably and without exterior marks. The interior re-connection process eliminates the need for exterior scaffolding. It also keeps the outer surface of the veneer from being compromised by drilled holes and creating aesthetic concerns. The basic intent of the **CTP Façade-Tie Bracket** assembly is to replicate or supplement the tie integrity of an existing veneer anchoring scenario.

The veneer to bracket connection can be accomplished by either the **CTP Stitch-Tie**® or **CTP Grip-Tie** anchoring systems. Both are proven masonry anchoring systems that provide installation adjustability, added veneer stiffness, and substantial tension/compression load resistant qualities. The selection of the anchoring type is a function of performance and installation conditions which may be challenged by the integrity of the free standing façade or interior space limitations. Note that either anchor is manufactured of stainless steel and/or brass components for long term performance expectations and a quality installation.



Typical Wood Stud and CTP Façade-Tie Bracket Application (Shown with CTP Grip-Tie, SBRA)



Typical Metal Stud and CTP Façade-Tie Bracket Application (Shown with CTP Stitch-Tie®)

Re-attach an Existing Façade From the Inside



Construction Tie Products, Inc. is committed to supplying the highest quality masonry tie and construction systems in North America and satisfying all stringent national codes and standards for today's building structures. CTP, Inc. promises to be a reliable product source along with on-time business integrity for all demanding builders. Call anytime for technical assistance or recommendations.

Mechanical Anchors for Re-Connecting Exterior Veneers

Specify the **CTP Façade-Tie Bracket** as an affordable and effective way to connect your façade from your buildings structural frame.

CTP Façade-Tie Bracket Planning Guide

Regardless of the veneer anchoring system selected, the **CTP Façade-Tie Bracket** can be attached before or after the veneer anchor is installed. The 1-1/4" slot accommodates field adjustment as well as the in-plane thermal or possible seismic veneer movement anticipated throughout the brackets design life. The veneer anchors engage the slot for live load transfer to the base material. The veneer anchoring system, whether **CTP Stitch-Tie®** or **CTP Grip-Tie®**, does not draw, nor is it intended to pull the veneer material to the base structure.

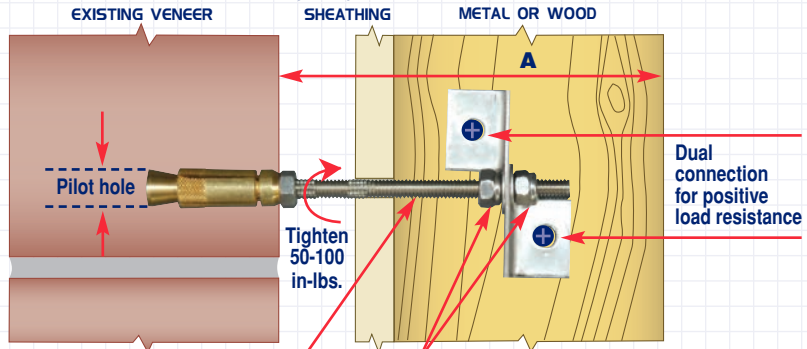
When Using The CTP Grip-Tie Fastener (1/2" Diameter Heavy Duty or 3/8" Diameter Standard)

Space "A" Series CTP Façade-Tie Bracket and Anchor at:

- 1 tie per - 1.6 sq ft for multiwythe (16"H x 16"V)
- 1 tie per - 2.0 sq ft for seismic or high wind applications (16"H x 18"V)
- 1 tie per - 2.6 sq ft for Residential or Commercial veneer applications. (16"H x 24"V)
- Consult with CTP for other conditions.

CATALOG PART NUMBER	A	
	FOR 6" STUD BACKUP	FOR 4" STUD BACKUP
CTP SBRA-54	6" – 8"	4" – 6"
CTP SBRA-64	7" – 9"	5" – 7"
CTP SBRA-74	8" – 10"	6" – 8"
CTP SBRA-84	9" – 11"	7" – 9"

Use with our **CTP Grip-Tie** and get it done mechanically!



The CTP Façade-Tie Bracket Combo attaches easily to wood stud with two stainless steel screws (provided) or TEK screws (provided) for metal stud.

Note: CTP Façade-Tie Bracket can be installed before or after CTP Grip-Tie installation.

When Using the CTP Stitch-Tie® Assembly (10mm or 8mm Diameter)

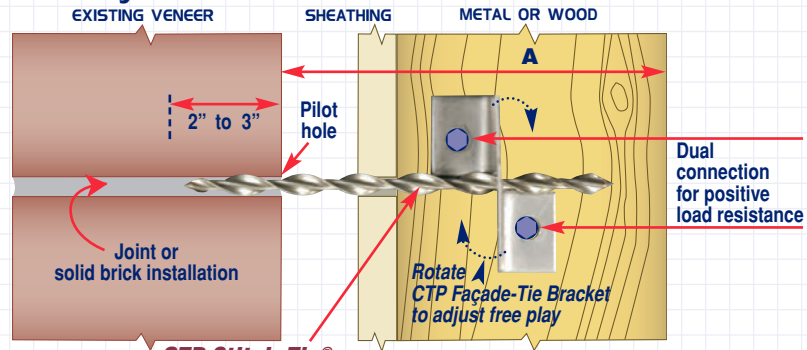
Space "B" Series CTP Façade-Tie Bracket and Anchor at:

- 1 tie per - 1.6 sq ft for multiwythe (16"H x 16"V)
- 1 tie per - 2.0 sq ft for seismic or high wind applications (16"H x 18"V)
- 1 tie per - 2.6 sq ft for Residential or Commercial veneer applications. (16"H x 24"V)
- Consult with CTP for other conditions.

CTP STITCH-TIE® LENGTH	A	
	FOR 6" STUD BACKUP	FOR 4" STUD BACKUP
7"	6" – 8"	4" – 6"
8"	7" – 9"	5" – 7"
9"	9" – 11"	6" – 8"
10"	11" – 13"	7" – 9"

The CTP Façade-Tie Bracket Combo attaches easily to wood stud with two stainless steel screws (provided) or TEK screws (provided) for metal stud.

Note: CTP Façade-Tie Bracket can be installed before or after CTP Stitch-Tie® installation.



Ultimate Fastener Tension Capacity* Guide (lb)

* Consult with CTP for other conditions not shown	DIAMETER		FAÇADE MATERIAL					
	ANCHOR	PILOT HOLE	FACE BRICK	SOLID BRICK	MORTAR JOINT(N)	HOLLOW CMU	SOLID CMU	HOLLOW CLAY TILE
CTP Grip-Tie	3/8"	3/8"	1200	800	900	1100	1100	700
	1/2"	1/2"	1500	1300	900	N/R	1200	N/R
CTP Stitch-Tie®	8 mm	1/4"	1200	700	700	510	550	460
	10mm	5/16"	1400	700	750	650	550	550

Warranty

Seller makes no warranty of any kind, expressed or implied, except that the goods sold under this agreement shall be of the standard quality of the seller, and buyer assumes all risk and liability resulting from the use of the goods, whether used singly or in combination with other goods. Seller neither assumes nor authorizes any person to assume for seller any other liability in conjunction with the sale or use of the goods sold, and there is no oral agreement or warranty collateral to or affecting this transaction.

Warning

The information contained in this publication does not constitute any professional opinion or judgement and should not be used as a substitute for competent professional determinations. Each construction project is unique and the appropriate use of this product is the responsibility of the engineers, architects, and other professionals who are familiar with the specific requirements of the project.

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CONSTRUCTION TIE PRODUCTS

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Engineered Anchoring Solutions Provider

Approval